

IN THE CLAIMS:

1. (Currently Amended) A method of fabricating manufactured aggregates (10), ~~characterized in that~~ wherein the following steps are performed:

[•] supplying a first material (12) comprising particles of sand;

[•] supplying cement (16), water (22), and elements (18, 20) forming a second material (14);

[•] mixing a predetermined quantity (Q12) of said first material (12) with a predetermined (Q16, Q18, Q20, Q22) of cement (16), water (22), and each of said elements (18, 20) of said second material (14), so as to obtain a mortar (M12-14) made up of inclusions (12) corresponding to the first material and a matrix (14) corresponding to the second material (14);

[•] subjecting the mortar (M12-14) to a first cure (T1) for a predetermined first cure duration (t1); and

[•] crushing (C) said mortar M-12-14) to obtain manufactured aggregates (10) of size lying in the range 2 mm to 15 mm.

2. (Currently Amended) A method according to ~~the preceding~~ claim 1, ~~characterized in that~~ wherein the mortar (M12-14) obtained by mixing is molded after being subjected to the first cure (T1).

3. (Currently Amended) A method according to claim 1 ~~or claim 2~~, ~~characterized in that~~ wherein the ratio of the quantity of water (Q22) to the quantity of cement (Q16) lies in the range 30% to 35%.

4. (Currently Amended) A method according to ~~any preceding~~ claim 1, ~~characterized in that~~ wherein the first material (12) presents hardness greater than that of the second material (14) and forms hard inclusions in the mortar (M12-14).

5. (Currently Amended) A method according to ~~either preceding~~ claim 1, characterized in that wherein, prior to being crushed (~~C~~), the mortar (~~M12-14~~) is also subjected to a second cure (~~T2~~) for a second predetermined cure duration (~~t2~~).
6. (Currently Amended) A method according to ~~the preceding~~ claim 5, characterized in that wherein the predetermined durations (~~t1 and t2~~) of the first cure and of the second cure are respectively substantially equal to 24 hours.
7. (Currently Amended) A method according to ~~any preceding~~ claim 1, characterized in that wherein screening (~~T~~) is performed to select manufactured grains (~~10~~) of size lying in the range 2 mm to 15 mm.
8. (Currently Amended) A method according to ~~any preceding~~ claim 1, characterized in that wherein the crushed mortar (~~M12-14~~) is hydrated by a third cure (~~T3~~) during a predetermined third cure duration (~~t3~~).
9. (Currently Amended) A method according to ~~the preceding~~ claim 8, characterized in that wherein the predetermined duration (~~t3~~) of the third cure lies in the range 10 days to 15 days.
10. (Currently Amended) A method according to ~~the preceding~~ claim 8, characterized in that wherein the first material (~~12~~) comprises particles of a size smaller than 1.5 mm.
11. (Currently Amended) A method according to ~~the preceding~~ claim 1, characterized in that wherein the first material (~~12~~) comprises particle of a size smaller than 1.5 mm.
12. (Currently Amended) A method according to ~~any preceding~~ claim 1, characterized in that wherein the elements of the second material (~~14~~) include a

cement (46).

13. (Currently Amended) A method according to ~~any preceding~~ claim 1, ~~characterized in that~~ wherein the elements of the second material include silica fume (48).

14. (New) A method according to claim 1, wherein the elements comprise silica fume and a superplasticizer.

15. (New) Manufactured grains comprising a mixture of a predetermined quantity of a first material comprising particles of sand, and a quantity of a second material comprising a cement, water, and other elements.

16. (New) Manufactured grains comprising a crushed mortar made up of inclusions of a first material comprising particles of sand, and a matrix of a second material comprising a cement, water, and other elements.

17. (New) Manufactured grains according to claim 15, wherein the manufactured grains are of size lying in the range of 2 mm to 15 mm.

18. (New) Manufactured grains according to claim 15, wherein the other elements comprise silica fume and a superplasticizer.

19. (New) Manufactured grains according to claim 16, wherein the manufactured grains are of size lying in the range 2 mm to 15 mm.

20. (New) Manufactured grains according to claim 16, wherein the other elements comprise silica fume and a superplasticizer.